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ABSTRACTS

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WILDLIFE REVIEW

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NATURAL RESOURCES & CLIMATE

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SOILS

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[Duererstr. 13, Krefeld, West Germany] "Taxonomy, zoogeography, and ecology of terrestrial vertebrates and several groups of invertebrates."

WILDLIFE--BIOTAS, ECOLOGY, NATURAL HISTORY--Continued

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Annotated list of 586 items arranged alphabetically by authors with subject indices.

Skead, C. J. ZOO-HISTORICAL GAZETTEER. *Cape Provincial Museums* (Grahamstown, South Africa) 10: 1-259. 1 Oct. 1973. *WR 155: 3*
"This zoo-historical gazetteer, embracing as it does a synonymy of place-names and the type-localities of all mammals and birds up to 1970, covers most of Southern Africa south of the Kunene and Zambesi Rivers. But because several type-localities of several critical species occur to the north of these geographical limitations, the relevant place-names in Angola, Zambia, Malawi, etc. have been included. To a lesser degree Tanzania is also represented."

WILDLIFE--NATURAL AREAS & REFUGES

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[N.C. State Mus. Nat. Hist., Raleigh 27611]

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WILDLIFE--NATURE PROTECTION & RARE & EXTINCT SPECIES

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Cuellar, Orlando. ON THE ORIGIN OF PARTHENOGENESIS IN VERTEBRATES: THE CYTOGENETIC FACTORS. *Am. Nat.* 108(963): 625-648, 1 fig. Sept.-Oct. 1974. *WR 155: 3*
[Univ. Utah, Salt Lake City 84112]

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[Univ. Coll., Cardiff, Wales]

WILDLIFE--POLLUTION

Anas, Raymond E. DDT PLUS PCB'S IN BLUBBER OF HARBOR SEALS. *Pestic. Monit. J.* 8(1): 12-14. June 1974. *WR 155: 3*
[Northwest Fisheries Cent., 2725 Montlake Blvd. East, Seattle, Wash. 98112] *"Phoca vitulina richardii."*

Blus, Lawrence J., Andre A. Belisle, and Richard M. Prouty. RELATIONS OF THE BROWN PELICAN TO CERTAIN ENVIRONMENTAL POLLUTANTS. *Pestic. Monit. J.* 7(3/4): 181-194, 2 figs. Mar. 1974. *WR 155: 3*
[Patuxent Wildl. Res. Cent., Laurel, Md. 20811] *"Pelecanus occidentalis."*

Clark, Donald R., Jr., and M. Anne Ross McLane. CHLORINATED HYDROCARBON AND MERCURY RESIDUES IN WOODCOCK IN THE UNITED STATES, 1970-71. *Pestic. Monit. J.* 8 (1): 15-22. June 1974. *WR 155: 4*
[Patuxent Wildl. Res. Cent., Laurel, Md. 20811] *"Philohela minor."*

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Kreitzer, J. F. RESIDUES OF ORGANOCHLORINE PESTICIDES, MERCURY, AND PCB'S IN MOURNING DOVES FROM EASTERN UNITED STATES--1970-71. *Pestic. Monit. J.* 7(3/4): 195-199, 2 figs. Mar. 1974. *WR 155: 4*
[Patuxent Wildl. Res. Cent., Laurel, Md. 20811] *"Zenaidura macroura."*

Kuhr, R. J., A. C. Davis, and J. B. Bourke. DDT RESIDUES IN SOIL, WATER, AND FAUNA FROM NEW YORK APPLE ORCHARDS. *Pestic. Monit. J.* 7(3/4): 200-204. Mar. 1974. *WR 155: 4*
[N.Y. State Agric. Expt. Stn., Geneva 14456] Five commercial apple orchards which had not been sprayed extensively with DDT since approximately 1960 were surveyed in 1972 for residues of DDT and its metabolites. Worms, slugs, snails, tadpoles, fingerling fish, and frogs all contained DDT, DDE, and DDD.--From abstr.

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Reidinger, Russell F., Jr., and D. Glen Crabtree. ORGANOCHLORINE RESIDUES IN GOLDEN EAGLES, UNITED STATES--MARCH 1964-JULY 1971. *Pestic. Monit. J.* 8(1): 37-42. June 1974. *WR 155: 4*
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Rogers, Glenn E. OIL SHALE DEVELOPMENT WILL AFFECT WILDLIFE. *Colo. Outdoors* 23(6): 1-4, illus. Nov.-Dec. 1974. *WR 155: 4*
[Colo. Div. Wildl., Grand Junction] "Oil shale development in Colorado's Piceance Basin will change land and water use, adversely affecting wildlife."

Schafer, E. W., Jr., R. B. Brunton, and N. F. Lockyer. HAZARDS TO ANIMALS FEEDING ON BLACKBIRDS KILLED WITH 4-AMINOPYRIDINE BAITS. *J. Wildl. Manage.* 38 (3): 424-426. July 1974. *WR 155: 5*
[Denver Wildl. Res. Cent., Denver, Colo. 80225] *"Agelaius phoeniceus, Rattus norvegicus, Pica pica,* canines and hawks."

Schultz, Donald P., and Eugene W. Whitney. MONITORING 2,4-D RESIDUES AT LOXAHATCHEE NATIONAL WILDLIFE REFUGE. *Pestic. Monit. J.* 7(3/4): 146-152, 1 fig. Mar. 1974. *WR 155: 5*
[Southeastern Fish Control Lab., Warm Springs, Ga. 31830] *"Gallinula chloropus* and *Cassidix mexicanus."*

Stuart, Russell W. SURFACE MINING AND WILDLIFE. *N. Dak. Outdoors* 37(5): 2-7, illus. Nov. 1974. *WR 155: 5*
"In summary, the rapid expansion of coal mining in the west will cause severe environmental problems as our land, water, and air will be affected. Surface mining reclamation has the potential for the enhancement of certain species of wildlife. However, this potential will not be realized unless the wildlife manager is given the opportunity to help draft legislation and regulations that will be put into effect within the next few years in the several states where coal mining activities are rapidly increasing."

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[Inst. Plant Protection, Poznań, Poland]

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[Central Veterinary Lab., P.O. Box 9254, Dar es Salaam, Tanzania] Rodents, insectivores, and lizards.

Marański, Czesław. POLSKA BIBLIOGRAFIA PARAZYTOLOGICZNA 1971. [POLISH BIBLIOGRAPHY OF PARASITOLOGY 1971.] *Pol. Akad. Nauk Zakl. Parazytol.* 59 p. 1973. In Polish. *WR 155: 5*
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Bibliography of 422 items of parasitological literature of Poland for 1972.

Monson, Ruth A., and Ward B. Stone. SOME PATHOLOGICAL CONDITIONS OF WILDLIFE KEPT IN CAPTIVITY. *N.Y. Fish Game J.* 21(2): 167-172, 2 figs. July 1974. *WR 155: 5*
[N.Y. State Dep. Environ. Conservation, Albany] Abstract: Cases are reported in which pathological conditions in captive wildlife were linked to stress, human disturbance or the conditions under which they were held. There is need for standards for the penning, feeding and care of such animals, as well as for ensuring that wildlife transported from one area to another is disease-free.

WILDLIFE--POPULATIONS & FLUCTUATIONS

Vlasak, Petr, and Jan Porkert. IMMIGRATION VON KLEINSAEUGERN IN EIN WOHNGEBAEUDE, ABHAENGIG VON METEOROLOGISCHEN BEDINGUNGEN. [IMMIGRATION OF SMALL MAMMALS TO A RESIDENTIAL HOUSE, WITH RESPECT TO METEOROLOGICAL CONDITIONS.] *Lynx* (Prague) 14. p. 70-98, illus. 1973. [From Biol. Abstr. 58(6), 1974. In German

with Czech summ.] *WR 155: 5*
[Karlo Univ., Vinicna 7, 128 44 Prague 2, Czechoslovakia] *"Microtus arvalis, Clethrionomys glareolus, Mus musculus, Apodemus flavicollis, Microtus agrestis, Arvicola terrestris, Sorex araneus, S. alpinus, S. minutus, Neomys fodiens, N. anomalus,* and *Crocidura suaveolens."*

WILDLIFE--BIOMETRICS

Batcheler, C. L. ESTIMATING DENSITY AND DISPERSION FROM TRUNCATED OR UNRESTRICTED JOINT POINT-DISTANCE NEAREST-NEIGHBOUR DISTANCES. *N. Z. Ecol. Soc. Proc.* 20: 131-147, illus. 1973. [From Biol. Abstr. 58(6), 1974.] *WR 155: 6*
[Forest & Range Exp. Stn., Rangiora, New Zealand]

Caughley, Graeme. INTERPRETATION OF AGE RATIOS. *J. Wildl. Manage.* 38(3): 557-562, 3 figs. July 1974. *WR 155: 6*
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Metzgar, Lee H., and Andrew L. Sheldon. AN INDEX OF HOME RANGE SIZE. *J. Wildl. Manage.* 38(3): 546-551, 2 figs. July 1974. *WR 155: 6*
[Univ. Mont., Missoula 59801] Abstract: The relationship between the number of times an animal is captured c and the number of grid stations at which it has been captured S_c is represented by the function $S_c = S_\infty (1-e^{-kc})$. In such cases it is possible to compute an index of home range size S_∞ that does not depend on sample size and is free of assumptions regarding home range shape and the distribution of activity within the home range.

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[Grassl. Div. Substn., DSIR, Lincoln, New Zealand]

Wierzbowska, Teresa. TRUNCATED DISTRIBUTIONS AND THEIR APPLICATION IN ECOLOGY. *Ekol. Pol.* 18(40): 837-848, 4 figs. 1970. In English with Polish summ. *WR 155: 6*
[Inst. Ecol., Warsaw, Poland]

WILDLIFE--TECHNIQUES

Harthoorn, A. M. THE EFFECTS OF IMMOBILISING DRUGS ON DIFFERENT SPECIES OF GAME ANIMALS. *Fauna Flora* no. 25. p. 12-13, illus. Aug. 1974. *WR 155: 6*

Norton-Griffiths, M. REDUCING COUNTING BIAS IN AERIAL CENSUSES BY PHOTOGRAPHY. *E. Afr. Wildl. J.* 12(3): 245-248. Sept. 1974. *WR 155: 6*
[Dep. Zool., South Parks Road, Oxford, England]

WILDLIFE--MANAGEMENT & RESEARCH, GENERAL

Naggiar, Morrie. OUTSMARTING SMALL GAME. *Fla. Wildl.* 28(7): 12-16, illus. Dec. 1974. *WR 155: 6*
"If your usual hunting methods no longer pay off, try something different."

Parris, Richard, and Graham Child. THE IMPORTANCE OF PANS TO WILDLIFE IN THE KALAHARI AND THE EFFECT OF HUMAN SETTLEMENT ON THESE AREAS. *J. Southern Afr. Wildl. Manage. Assoc.* 3(1): 1-8, 5 figs. 1973. *WR 155: 6*
[Transvaal Nat. Conserv. Div., P.O. Box 217, Pietersburg, Transvaal, South Africa]

WILDLIFE--MANAGEMENT & RESEARCH, GENERAL--Continued

Prowse, Harold Marquette. WILDLIFE ADMINISTRATION AND THE SAFARI INDUSTRY IN BOTSWANA. *Ph.D. thesis, Univ. Mich.* 418 p. 1974. [From Diss. Abstr. Int. B Sci. Eng. 35(5), 1974.] *WR 155: 7*

Wildlife Management Institute. PLACING AMERICAN WILDLIFE MANAGEMENT IN PERSPECTIVE. *Wildl. Manage. Inst.* 24 p., illus. [1974.] Price 50¢ postpaid. *WR 155: 7*
[Wildl. Manage. Inst., 709 Wire Bldg., 1000 Vermont Ave., Washington, D.C. 20005]

WILDLIFE--HUNTING AREAS & PROBLEMS

Ellis, Ralph J. OKLAHOMA HUNTERS. *Okla. Dep. Wildl. Conserv. Admin. Planning Rep.* no. 11. vi + 30 p., 38 figs. July 1972. *WR 155: 7*
Based on information derived from questionnaires returned by Oklahoma resident hunters.

Klonglan, Eugene D., and Vernon Wright. A ONE-YEAR SURVEY OF PUBLIC USE ON STATE WILDLIFE MANAGEMENT AREAS IN IOWA. *Iowa Wildl. Res. Bull.* no. 4. iv + 34 p., illus. July 1973. *WR 155: 7*

Lampio, Teppo. HUNTERS BY OCCUPATIONAL STATUS IN FINLAND. *Finnish Game Res.* no. 32. 52 p., 13 figs. 1972. In English with Finnish summ. *WR 155: 7*

LeResche, Robert E. SOCIAL AND ETHICAL CONSIDERATIONS IN HUNTING. *N. Dak. Outdoors* 37(4): 3-7, illus. Oct. 1974. *WR 155: 7*

Oklahoma. PUBLIC HUNTING LANDS OF OKLAHOMA. 3rd edition. *Okla. Dep. Wildl. Conserv.* 39 p., illus. Oct. 1973. *WR 155: 7*
Atlas of 51 public lands open to hunting in Oklahoma.

WILDLIFE--PREDATION, CROP DAMAGE, CONTROL

Oates, L. G. PROBLEM ANIMALS AND THEIR CONTROL. *Fauna Flora* no. 25. p. 14-15, illus. Aug. 1974. *WR 155: 7*

WILDLIFE--REPORTS OF ORGANIZATIONS & REPORTS OF HARVESTS

Low, D. J. CACHE CREEK CHECK, 1972. *British Columbia Fish & Wildlife Branch Wildl. Manage. Harvest Statistics* no. 5. iii + 49 p., [1 fig.]. 1973. *WR 155: 7*
Analysis of game harvest data.

WETLANDS & WILDLIFE

Bergman, Robert David. WETLANDS AND WATERBIRDS AT POINT STORKERSEN, ALASKA. *Ph.D. thesis, Iowa State Univ.* 60 p. 1974. [From Diss. Abstr. Int. B Sci. Eng. 35(5), 1974.] *WR 155: 7*

FARMLAND & WILDLIFE

Gusey, William F., and Zenaida D. Maturgo. WILDLIFE UTILIZATION OF CROPLANDS. *Environ. Conserv. Dep. Shell Oil Co.* (Houston, Tex.). xii + 278 p., illus. Nov. 1972. *WR 155: 7*

RANGELAND & WILDLIFE

Williams, O. B., T. C. E. Wells, and D. A. Wells. GRAZING MANAGEMENT OF WOODWALTON FEN: SEASONAL CHANGES IN THE DIET OF CATTLE AND RABBITS. *J. Appl. Ecol.* 11(2): 499-516, 8 figs. Aug. 1974. *WR 155: 8*
[Monks Wood Exp. Stn., Huntingdon, England]

FORESTLAND--FORESTRY & ECOLOGY

Brown, Thomas C., Paul F. O'Connell, and Alden R. Hibbert. CHAPARRAL CONVERSION POTENTIAL IN ARIZONA. PART II: AN ECONOMIC ANALYSIS. *U.S. For. Serv. Res. Pap.* RM-127. ii + 28 p., 3 figs. Aug. 1974. *WR 155: 8*
[Rocky Mountain Forest & Range Exp. Stn., Tucson, Ariz.] Includes a section on conversion effects upon wildlife.

Hibbert, Alden R., Edwin A. Davis, and David G. Scholl. CHAPARRAL CONVERSION POTENTIAL IN ARIZONA. PART I: WATER YIELD RESPONSE AND EFFECTS ON OTHER RESOURCES. *U.S. For. Serv. Res. Pap.* RM-126. ii + 36 p., 26 figs. July 1974. *WR 155: 8*
[Rocky Mountain Forest & Range Exp. Stn., Tempe, Ariz.] Includes a section on the effects of brush control on wildlife and livestock.

FORESTLAND--MANAGEMENT FOR & DAMAGE BY WILDLIFE

Euler, David Lowell. THE ECOLOGY OF FIRE IN UPSTATE NEW YORK. *Ph.D. thesis, Cornell Univ.* 102 p. 1974. [From Diss. Abstr. Int. B Sci. Eng. 35(5), 1974.] *WR 155: 8*
"Bonasa umbellus and *Odocoileus virginianus."*

Gill, John D., Richard M. DeGraaf, and Jack Ward Thomas. FOREST HABITAT MANAGEMENT FOR NON-GAME BIRDS IN CENTRAL APPALACHIA. *U.S. For. Serv. Res. Note* NE-192. 6 p. 1974. *WR 155: 8*
[NE Forest Exp. Stn., Morgantown, W. Va.] The nesting-habitat preferences of 31 representative species are listed.--From abstr.

Heinselman, Miron L. RESTORING FIRE TO THE CANOE COUNTRY. *Naturalist* 24 (spec. issue no. 4): 21-31, illus. Winter 1973. *WR 155: 8*
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Barker, S., R. Glover, P. Jacobsen, and B. A. Kakulas. SEASONAL ANAEMIA IN THE ROTTNEST QUOKKA, *SETONIX BRACHYURUS* (QUOY & GAIMARD) (MARSUPIALIA; MACROPODIDAE). *Comp. Biochem. Physiol. A Comp. Physiol.* 49(1): 147-157, 1 fig. 1 Sept. 1974. *WR 155: 34*
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[Max-Planck-Inst. Verhaltensphysiol., D-8136 Percha, West Germany]

Fossey, Dian. OBSERVATIONS ON THE HOME RANGE OF ONE GROUP OF MOUNTAIN GORILLAS *(GORILLA GORILLA BERINGEI)*. *Anim. Behav.* 22(3): 568-581, 7 figs. Aug. 1974. *WR 155: 34*
[Madingley, Cambridge, England]

Griffiths, Mervyn, R. Barker, and L. MacLean. FURTHER OBSERVATIONS ON THE PLANTS EATEN BY KANGAROOS AND SHEEP GRAZING TOGETHER IN A PADDOCK IN SOUTH-WESTERN QUEENSLAND. *Australian Wildl. Res.* 1(1): 27-43, 7 figs. June 1974. *WR 155: 34*
[CSIRO, P.O. Box 84, Lyneham, A.C.T., Australia 2602] *"Macropus giganteus* and *Megaleia rufa."*

Harvie, Alice E. DIET OF THE OPOSSUM *(TRICHOSURUS VULPECULA* KERR*)* ON FARMLAND NORTHEAST OF WAVERLEY, NEW ZEALAND. *N. Z. Ecol. Soc. Proc.* 20: 48-52, illus. 1973. [From Biol. Abstr. 58(6), 1974.] *WR 155: 34*
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OTHER MAMMALS--Continued

Jacobsen, N. H. G. LITTLE FORAGER OF THE VELD--THE SURICATE. *Fauna Flora* 24. p. 8-11, illus. June 1973. *WR 155: 35*
Popular account of *Suricata suricatta.*

McConnell, E. E., P. A. Basson, B. Wolstenholme, V. De Vos, and H. H. Malherbe. TOXOPLASMOSIS IN FREE-RANGING CHACMA BABOONS *(PAPIO URSINUS)* FROM THE KRUGER NATIONAL PARK. *Trans. Roy. Soc. Trop. Med. Hyg.* 67(6): 851-855, illus. 1973. [From Biol. Abstr. 58(6), 1974.] *WR 155: 35*
[Pathol. Branch, 6570th A.M.R.L., Wright-Patterson Air Force Base, Ohio 45433]

Moehlman, Patricia Des Roses. BEHAVIOR AND ECOLOGY OF FERAL ASSES *(EQUUS ASINUS). Ph.D. thesis, Univ. Wis.* 277 p. 1974. [From Diss. Abstr. Int. B Sci. Eng. 35(5), 1974.] *WR 155: 35*

Needham, A. D., T. J. Dawson, and J. R. S. Hales. FORELIMB BLOOD FLOW AND SALIVA SPREADING IN THE THERMOREGULATION OF THE RED KANGAROO, *MEGALEIA RUFA. Comp. Biochem. Physiol. A Comp. Physiol.* 49(3): 555-565, 5 figs. 1 Nov. 1974. *WR 155: 35*
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Russell, Eleanor M., and Dorothy C. Giles. THE EFFECTS OF YOUNG IN THE POUCH ON POUCH CLEANING IN THE TAMMAR WALLABY, *MACROPUS EUGENII* DESMAREST (MARSUPIALIA). *Behaviour* 51(1-2): 19-37. 1974. In English with German summ. *WR 155: 35*
[Univ. New South Wales, Kensington, New South Wales, Australia]

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[Bucknell Univ., Lewisburg, Pa.]

Stout, I. Jack, and Daniel E. Sonenshine. ECOLOGY OF AN OPOSSUM POPULATION IN VIRGINIA, 1963-69. *Acta Theriol.* 19(15): 235-245, 2 figs. Sept. 1974. In English with Polish summ. *WR 155: 35*
[Old Dominion Univ., P.O. Box 6173, Norfolk, Va. 23508] *"Didelphis marsupialis."*

Teleki, Geza. GROUP RESPONSE TO THE ACCIDENTAL DEATH OF A CHIMPANZEE IN GOMBE NATIONAL PARK, TANZANIA. *Folia Primatol.* 20(2/3): 81-94, illus. 1973. [From Biol. Abstr. 58(6), 1974.] *WR 155: 35*
[Pa. State Univ., University Park 16802] *"Pan troglodytes."*

BIRDS--GENERAL

Dobrowolski, Kazimierz, editor in chief. ACTA ORNITHOLOGICA. Vol. 13. Nos. 1, 2, 4, 7, 9, 10, 11. 1971-1973. *Published for the Smithsonian Institution and the National Science Foundation, Washington, D.C., by the Foreign Scientific Publications Department of the National Center for Scientific, Technical and Economic Information, Warsaw, Poland.* TT-72-54017. 271 p., illus. 1974. Polish original published by the Zoological Institute of the Polish Academy of Sciences. [Translation available from U.S. Dep. Commerce, National Technical Information Service, Springfield, Va. 22151] *WR 155: 35*
Contents: *An inventory of nests of white stork,* Ciconia ciconia *(L.) in the District of Słubice (voivodship of Zielona Góra),* J. Radkiewicz; *Birds of the middle reaches of the Vistula,* M. Luniak; *Birds of Olsztyn and its vicinity,*

BIRDS--GENERAL--Continued

J. Okulewicz; *White stork*, Ciconia ciconia *(L.) over the district of Milicz in the years 1959-1968*, A. Mrugasiewicz; *Laboratory tests of electrorepellents for protecting orchards, airports and other objects against birds*, M. Józefik; *Breeding avifauna of the Biebrza marshes and adjacent territories*, A. Dyrcz, J. Okulewicz, L. Tomiałojć, and J. Witkowski; and *Distribution of rook*, Corvus frugilegus *L., colonies in the Siedlce District (Warsaw voivodship).*

Hoerschelmann, Heinrich, Knut Haarmann, and Dieter Moritz. GEFAHR FÜR DIE LANDSCHAFT UND VOGELWELT AN DER UNTERELBE. [DANGER TO THE HABITAT AND THE AVIFAUNA IN THE LOWER ELBE REGION.] *Ornithol. Mitt.* 25(8): 172. Aug. 1973. In German. *WR 155: 36*
[Univ. Hamburg, Hamburg, West Germany]

O'Neill, John P., and Alfred L. Gardner. REDISCOVERY OF *AULACORHYNCHUS PRASINUS DIMIDIATUS* (RIDGWAY). *Auk* 91(4): 700-704. Oct. 1974. *WR 155: 36*
[La. State Univ., Baton Rouge 70803] Courtesy/ Paul A. Stewart.

Rucner, Renata, editor. LARUS / XXIV / 1970. *Translated and published for the Smithsonian Institution and the National Science Foundation, Washington, D.C., by the NOLIT publishing house, Belgrade, Yugoslavia.* TT70-56080. 162 p., illus. 1974. [Translation available from U.S. Dep. Commerce, National Technical Service, Springfield, Va. 22151] *WR 155: 36*
The following papers are included: *Bird banding in 1969: 1. Results of bird banding carried out by the Ornithology Department of the Biology Institute, Zagreb University, 20th Report. 2. Foreign recoveries in Yugoslavia, 16th Report*, Ljubica Štromar; *Contribution to the study of bird populations in the biotopes of Baranja*, Dragutin and Renata Rucner; *Heron nesting in the Kopačevski Reservation and immediate environs over the period from 1954 to 1970*, Josip Majić and József Mikuska; *Contribution to the breeding biology of the mallard*, Anas platyrhynchos *L., on the territory of Kopačevski rit Marsh*, Darko Gec; *Oological investigation of the species* Sterna hirundo *L. on the Croatian Coast*, Ljubica Štromar; *Characteristics of the avifauna of the inner city area of Belgrade*, Vojislav Vasić and Vladimir Stevanović; *On the composition and direction of fall migration in 1969 on the Montenegrin Littoral*, Hans Kumerloeve; *Notes on the white stork*, Ciconia ciconia, *in Vojvodina*, István Pelle; *Little egret*, Egretta g. garzetta *L., in the Carpathian Basin in the period 1959-1968*, István Sterbetz and László Szlivka; and *April ornithological observations in the Kara-Kum Desert*, D. N. Nankinov.

BIRDS--TECHNIQUES

Rushmore, Francis M. TECHNIQUES FOR CALLING SAPSUCKERS AND FINDING THEIR NESTING TERRITORIES. *U.S. For. Serv. Res. Pap. NE*-281. 7 p. 1973. *WR 155: 36*
Abstract: In 9 years of study in Maine, the author developed a survey method for estimating populations of yellow-bellied sapsuckers *(Sphyrapicus varius varius* L.*)* and delineating their territories. The birds were attracted for study by tapping hardwood dowels to imitate noises the birds make in drumming and feeding.

Tramer, Elliot J. ON LATITUDINAL GRADIENTS IN AVIAN DIVERSITY. *Condor* 76(2): 123-130, 3 figs. Summer 1974. *WR 155: 36*
[Univ. Toledo, Toledo, Ohio 43606] Latitudinal gradients in avian species diversity were constructed and analyzed for North and Mesoamerica. Diversity patterns were examined using two geographical scales: (1) the diversity in single censuses taken in a homogeneous habitat (alpha diversity); and (2) the diversity contained in squares 300 miles wide (gamma diversity). Diversity gradients for both breeding and winter seasons were investigated.--From summ. Courtesy/ Paul A. Stewart.

BIRDS--TECHNIQUES--Continued

Yui, Masatoshi. [THE CENSUS METHOD OF THE WOODLAND BIRD POPULATION DURING THE BREEDING SEASON.] *Bull. Gov. For. Exp. Stn.* no. 264. p. 13-84, 17 figs. Aug. 1974. In Japanese with English summ. *WR 155: 37*
[Forest Protection Division, Tohoku Branch Station, Japan]

BIRDS--MORPHOLOGY & PHYSIOLOGY

Ar, A., C. V. Paganelli, R. B. Reeves, D. G. Greene, and H. Rahn. THE AVIAN EGG: WATER VAPOR CONDUCTANCE, SHELL THICKNESS, AND FUNCTIONAL PORE AREA. *Condor* 76(2): 153-158, 3 figs. Summer 1974. *WR 155: 37*
[Tel-Aviv Univ., Tel-Aviv, Ramat-Aviv, Israel] The water vapor conductance of the shell of an egg is proportional to the 0.78 power of the fresh egg weight, and the thickness of the shell is proportional to the 0.456 power of the egg weight. These two values enable one to compute the total functional pore area which is proportional to the fresh egg weight raised to the sum of these two exponents, namely, 1.236.--From summ. Courtesy/ Paul A. Stewart.

Baker, Myron Charles. GENETIC STRUCTURE OF TWO POPULATIONS OF WHITE-CROWNED SPARROWS WITH DIFFERENT SONG DIALECTS. *Condor* 76(3): 351-356, 4 figs. Autumn 1974. *WR 155: 37*
[Rockefeller Univ., New York, N.Y. 10021] *"Zonotrichia leucophrys nuttali."*--Courtesy/ Paul A. Stewart.

Borrero H., José Ignacio. NOTES ON THE STRUCTURE OF THE UPPER EYELID OF POTOOS *(NYCTIBIUS)*. *Condor* 76(2): 210-211, 4 figs. Summer 1974. *WR 155: 37*
[Universidad del Valle, Cali, Colombia] Courtesy/ Paul A. Stewart.

Chaplin, Susan Budd. DAILY ENERGETICS OF THE BLACK-CAPPED CHICKADEE, *PARUS ATRICAPILLUS*, IN WINTER. *J. Comp. Physiol.* 89(4): 321-330. 1974. [From Biol. Abstr. 58(7), 1974.] *WR 155: 37*
[Cornell Univ., Ithaca, N.Y. 14850]

Cisse, Mamadou. EVOLUTION DE LA GRAISSE DE RESERVE ET CYCLE GENITAL CHEZ *VARANUS N. NILOTICUS* L. [DEVELOPMENT OF RESERVE FAT AND GENITAL CYCLE IN *VARANUS N. NILOTICUS* L.] *Bull. Inst. Fondam Afr. Noire Ser. A Sci. Nat.* 35(1): 169-179, illus. 1973. [From Biol. Abstr. 58(7), 1974. In French.] *WR 155: 37*
[Inst. Fond. Am. Afr. Noire, B. P. 206, Dakar, Senegal]

Clemans, Robert J. THE BIOENERGETICS OF THE BLUE JAY IN CENTRAL ILLINOIS. *Condor* 76(3): 358-360, 2 figs. Autumn 1974. *WR 155: 37*
[Cook Co. Forest Preserve, RR#1, Box 541, Dundee, Ill. 60118] Existence metabolism of blue jays *(Cyanocitta cristata bromia)* increased linearly with decreasing temperature. Productive energy was greater during the winter than the summer.--Courtesy/ Paul A. Stewart.

Couch, J. R., and A. E. Saloma. FATTY ACID POSITIONAL DISTRIBUTION IN EGG YOLK TRIGLYCERIDES FROM VARIOUS AVIAN SPECIES. *Lipids* 8(12): 675-681. 1973. [From Biol. Abstr. 58(7), 1974.] *WR 155: 37*
[Tex. A&M Univ., College Station 77843] "Turkey, duck, prairie chicken, bobwhite quail, Japanese quail, and inbred-hybrid, mutant midget hens."

Lasiewski, Robert C., and Roger S. Seymour. THERMOREGULATORY RESPONSES TO HEAT STRESS IN FOUR SPECIES OF BIRDS WEIGHING APPROXIMATELY 40 GRAMS. *Physiol. Zool.* 45(2): 106-118, illus. 1972. [From Biol. Abstr. 58(7), 1974.] *WR 155: 37*
[Univ. Calif., Los Angeles 90024] *"Ploceus cucullatus, Excalfactoria chinensis, Scardofella inca,* and *Phalaenoptilus nuttallii."*

Ligon, J. David, and James L. White. MOLT AND ITS TIMING IN THE PIÑON JAY, *GYMNORHINUS CYANOCEPHALUS*. *Condor* 76(3): 274-287, 8 figs. Autumn 1974. *WR 155: 37*
[Univ. N. Mex., Albuquerque 87131] Courtesy/ Paul A. Stewart.

Munzinger, John Stephen. A COMPARATIVE STUDY OF THE ENERGETICS OF THE BLACK-CAPPED AND CAROLINA CHICKADEES, *PARUS ATRICAPILLUS* AND *PARUS CAROLINENSIS*. *Ph.D. thesis, Ohio State Univ.* 129 p. 1974. [From Diss. Abstr. Int. B Sci. Eng. 35 (5), 1974.] *WR 155: 38*

Paganelli, C. V., A. Olszowka, and A. Ar. THE AVIAN EGG: SURFACE AREA, VOLUME, AND DENSITY. *Condor* 76(3): 319-325, 9 figs. Autumn 1974. *WR 155: 38*
[State Univ. N.Y., Buffalo 14214] A method is described for determining the surface area of eggs of different shapes.--Courtesy/ Paul A. Stewart.

Parkes, Kenneth C. VARIATION IN THE OLIVE SPARROW IN THE YUCATAN PENINSULA. *Wilson Bull.* 86(3): 293-295. Sept. 1974. *WR 155: 38*
[Carnegie Mus. Nat. Hist., Pittsburgh, Pa. 15213] *"Arremonops rufivirgatus rhyptothorax."*--Courtesy/ Paul A. Stewart.

Rahn, H., and A. Ar. THE AVIAN EGG: INCUBATION TIME AND WATER LOSS. *Condor* 76(2): 147-152, 4 figs. Summer 1974. *WR 155: 38*
[State Univ. N.Y., Buffalo 14214] The following relationships apply generally to all eggs: (a) during incubation a typical egg loses 18% of its initial weight; (b) the mean vapor pressure difference between the egg and nest microclimate during incubation is 35 torr; and, (c) for any given egg weight, the incubation time is inversely proportional to the water vapor conductance of the egg shell and to the rate of water loss in the nest.--From summ. Courtesy/ Paul A. Stewart.

Rising, James D., and Jack W. Hudson. SEASONAL VARIATION IN THE METABOLISM AND THYROID ACTIVITY OF THE BLACK-CAPPED CHICKADEE *(PARUS ATRICAPILLUS)*. *Condor* 76(2): 198-203, 4 figs. Summer 1974. *WR 155: 38*
[Univ. Toronto, 25 Harbord St., Toronto, M5S 1A1, Ontario, Canada] Courtesy/ Paul A. Stewart.

Scherner, Erwin R. FLÜGELLÄNGE UND SEXILITÄT DER KOHLMEISE *(PARUS MAJOR)*. [WING LENGTH AND SEX RATIOS OF GREAT TITS *PARUS MAJOR*.] *Ornithol. Mitt.* 25(10): 219-220. Oct. 1973. In German. *WR 155: 38*
[Plauener Strasse 7, D 34 Göttingen-Geismar, West Germany]

Sharma, Indra Kumar. ECOLOGICAL STUDIES OF THE PLUMES OF THE PEACOCK *(PAVO CRISTATUS)*. *Condor* 76(3): 344-345. Autumn 1974. *WR 155: 38*
[Bhagwati Bhavan, Ratanda Rd., Jodhpur 20, India] Timing of molt, feather size, feather types, and exploitation of feathers are discussed.--Courtesy/ Paul A. Stewart.

Smith, W. K., S. W. Roberts, and P. C. Miller. CALCULATING THE NOCTURNAL ENERGY EXPENDITURE OF AN INCUBATING ANNA'S HUMMINGBIRD. *Condor* 76(2): 176-183, 3 figs. Summer 1974. *WR 155: 38*
[Univ. Calif., Los Angeles 90024] Evening feeding periods of an incubating Anna's hummingbird were almost twice as long as feeding periods at other times of the day, and this increased feeding effort approximated that required for overnight energy storage.--Courtesy/ Paul A. Stewart.

Wallace, Robert A. ECOLOGICAL AND SOCIAL IMPLICATIONS OF SEXUAL DIMORPHISM IN FIVE MELANERPINE WOODPECKERS. *Condor* 76(3): 238-248, 2 figs. Autumn 1974. *WR 155: 38*
[Univ. Calif., Santa Barbara 93106] *"Melanerpes portoricensis, Centurus striatus, C. radiolatus, C. carolinus,* and *C. aurifrons."*--Courtesy/ Paul A. Stewart.

Wiens, John A., and George S. Innis. ESTIMATION OF ENERGY FLOW IN BIRD COMMUNITIES: A POPULATION BIOENERGETICS MODEL. *Ecology* 55(4): 730-746, 10 figs. Summer 1974. *WR 155: 38*
[Oreg. State Univ., Corvallis 97330] A simulation model is described that estimates population density flux, biomass changes, and bioenergetic demands of bird populations, especially with reference to the breeding season.--Courtesy/ Paul A. Stewart.

BIRDS--BEHAVIOR

Austin, George F. NESTING SUCCESS OF THE CACTUS WREN IN RELATION TO NEST ORIENTATION. *Condor* 76(2): 216-217. Summer 1974. *WR 155: 39*
[Univ. Nev., Las Vegas 89109] *"Campylorhynchus brunneicapillus."*--Courtesy/ Paul A. Stewart.

Baier, Ernst. GRÜNSPECHT *(PICUS VIRIDIS)* UND GRAUSPECHT *(PICUS CANUS)* AUF NAHRUNGSSUCHE AN HAUSMAUERN. [GREEN WOODPECKER *PICUS VIRIDIS* AND GREY-HEADED WOODPECKER *PICUS CANUS* FEEDING ALONG THE WALLS OF HOUSES.] *Ornithol. Mitt.* 25 (5): 97. May 1973. In German. *WR 155: 39*
[D 8491 Grafenwiesen 113, West Germany]

Bailey, Alfred M. SECOND NESTING OF BROAD-TAILED HUMMINGBIRDS. *Condor* 76(3): 350. Autumn 1974. *WR 155: 39*
[Denver Mus. Nat. Hist., Denver, Colo.] A female broad-tailed hummingbird *(Selasphorus platycercus)* was found having two nests six feet apart, one containing two young nearly ready to fly and one containing an egg.--Courtesy/ Paul A. Stewart.

Barash, David P. AN ADVANTAGE OF WINTER FLOCKING IN THE BLACK-CAPPED CHICKADEE, *PARUS ATRICAPILLUS. Ecology* 55(3): 674-676. Late Spring 1974. *WR 155: 39*
[Univ. Wash., Seattle 98195] The advantage: "flocked individuals are subjected to less aggression from other solitary birds, than when they are themselves solitary."--Courtesy/ Paul A. Stewart.

Best, Louis B. AN UNUSUAL CASE OF NESTING PERSISTENCE IN A FEMALE FIELD SPARROW. *Condor* 76(3): 349. Autumn 1974. *WR 155: 39*
[Univ. Ill., Urbana 61801] A female field sparrow *(Spizella pusilla)* made ten nesting attempts in one season, all of which were unsuccessful. A total of 28 eggs was laid.--Courtesy/ Paul A. Stewart.

Busche, Günther. SPÄTE BRUTEN VOM WIESENPIEPER *(ANTHUS PRATENSIS).* [LATE BREEDING OF THE MEADOW PIPIT *ANTHUS PRATENSIS.*] *Ornithol. Mitt.* 25(8): 174. Aug. 1973. *WR 155: 39*
[Hochfelder Weg 49, D 224 Heide, West Germany]

Conner, R. N., and H. S. Crawford. WOODPECKER FORAGING IN APPALACHIAN CLEARCUTS. *J. For.* 72(9): 564-566, 4 figs. Sept. 1974. *WR 155: 39*
[Va. Polytech. Inst., Blacksburg] *"Dendrocopus pubescens, D. villosus, Dryocopus pileatus,* and *Colaptes auratus."*

Cowan, Peter John. INDIVIDUAL PARENTAL CALLS AND AUDITORY DISCRIMINATION LEARNING BY YOUNG *GALLUS GALLUS* AND *BRANTA CANADENSIS. Ph.D. thesis, Univ. Manitoba.* 1974. [From Diss. Abstr. Int. B Sci. Eng. 35(4), 1974. To obtain a microfilm copy order directly from the National Library of Canada at Ottawa.] *WR 155: 39*

Creighton, Phillip David. HABITAT EXPLOITATION BY AN AVIAN GROUND-FORAGING GUILD. *Ph.D. thesis, Colo. State Univ.* 154 p. 1974. [From Diss. Abstr. Int. B Sci. Eng. 35(3), 1974.] *WR 155: 39*
"Eremophila alpestris, Calamospiza melanocorys, Calcarius mccownii, and *C. ornatus."*

Crocq, Claude. NOTES COMPLEMENTAIRES SUR LA NIDIFICATION DU CASSE-NOIX *NUCIFRAGA CARYOCATACTES* DANS LES ALPES FRANCAISES. [COMPLEMENTARY NOTES ON NIDIFICATION OF THE NUTCRACKER *NUCIFRAGA CARYOCATACTES* IN THE FRENCH ALPS.] *Alauda* 42(1): 39-50, illus. 1974. [From Biol. Abstr. 58(7), 1974. In French with English summ.] *WR 155: 39*
[Chemin St.-Roustagne, 04100 Manosque, France]

Foster, M. S. RAIN, FEEDING BEHAVIOR, AND CLUTCH SIZE IN TROPICAL BIRDS. *Auk* 91(4): 722-726. Oct. 1974. *WR 155: 40*
[Univ. South Fla., Tampa 33620] The time available for birds in the tropics to feed their young is reduced below the full daylight period by frequent heavy rainfall. Thus, the number of young that tropical birds can rear is limited by rainfall.--Courtesy/ Paul A. Stewart.

Göller, Theodor. GARTENROTSCHWANZ *(PHOENICURUS PHOENICURUS)* FÜTTERT FELDSPERLING *(PASSER MONTANUS)*. [REDSTART *PHOENICURUS PHOENICURUS* FEEDING TREE SPARROW *PASSER MONTANUS*.] *Ornithol. Mitt.* 25(7): 147. July 1973. In German. *WR 155: 40*
[Josef-Werner-Strasse 24, D 6903 Neckargemünd, West Germany]

Grünwald, Klaus. DREI BRUTEN DER WASSERAMSEL *(CINCLUS CINCLUS)* IN EINEM NISTKASTEN. [THREE BROODS OF THE DIPPER *CINCLUS CINCLUS* IN ONE NESTBOX.] *Ornithol. Mitt.* 25(4): 78-79, 3 figs. Apr. 1973. In German. *WR 155: 40*
[D 6311 Nieder-Gemünden, West Germany]

Hailman, Jack P. A STOCHASTIC MODEL OF LEAF-SCRATCHING BOUTS IN TWO EMBERIZINE SPECIES. *Wilson Bull.* 86(3): 296-298, 1 fig. Sept. 1974. *WR 155: 40*
[Univ. Wis., Madison 53706] *"Junco hyemalis* and *Zonotrichia albicollis."*--Courtesy/ Paul A. Stewart.

Haverschmidt, F. NOTES ON THE LIFE HISTORY OF THE YELLOW-BREASTED FLYCATCHER IN SURINAM. *Wilson Bull.* 86(3): 215-220, 1 fig. Sept. 1974. *WR 155: 40*
[16 Wolfskuilstraat, Ommen, Holland] Observations on display, the nest, nest building, incubation, nestling period, enemies, and secondary tenants of nests of *Tolmomyias flaviventris*.--Courtesy/ Paul A. Stewart.

Heckenlively, Donald Bruce. AGONISTIC AND COURTSHIP BEHAVIOR OF FIELD SPARROWS, *SPIZELLA PUSILLA* (WILSON). *Ph.D. thesis, Univ. Mich.* 189 p. 1974. [From Diss. Abstr. Int. B Sci. Eng. 35(5), 1974.] *WR 155: 40*

Heer, Erwin. HAUSSPERLING *(PASSER DOMESTICUS)* FÜTTERT NESTJUNGE HAUSROTSCHWÄNZE. [HOUSE SPARROW *PASSER DOMESTICUS* FEEDS NESTLING BLACK REDSTART.] *Ornithol. Mitt.* 25(5): 103. May 1973. In German. *WR 155: 40*
[Nördlinger Strasse 7, D 7085 Bopfingen, West Germany] *"Phoenicurus ochruros."*

Horstkotte, Erich. UNTERSUCHUNGEN ZUR TAGESAKTIVITÄT DES GRÜNSPECHTES *(PICUS VIRIDIS)*. [INVESTIGATIONS INTO THE DAILY ACTIVITIES OF THE GREEN WOODPECKER *PICUS VIRIDIS*.] *Ornithol. Mitt.* 25(8): 159-169, 2 figs. Aug. 1973. In German with English summ. *WR 155: 40*
[Deichstrasse 8, D 4972 Löhne 1, West Germany]

James, Frances C., and H. H. Shugart, Jr. THE PHENOLOGY OF THE NESTING SEASON OF THE AMERICAN ROBIN *(TURDUS MIGRATORIUS)* IN THE UNITED STATES. *Condor* 76(2): 159-168, 3 figs. Summer 1974. *WR 155: 40*
[General Ecology Program, National Science Foundation, Washington, D.C. 20550] Courtesy/ Paul A. Stewart.

Jones, Harley Kemp, Jr., and Frederick T. Ott. SOME CHARACTERISTICS OF RED-COCKADED WOODPECKER CAVITY TREES IN GEORGIA. *Oriole* 38(4): 33-39. Dec. 1973. *WR 155: 40*
[Route 2, Box 177, Adrian, Ga. 31002] *"Dendrocopus borealis."*

Kirsch, Karl-Wilhelm. VERHALTENSBEOBACHTUNGEN AN WASSERVOGELARTEN. [BEHAVIORAL OBSERVATIONS OF WATERFOWL.] *Ornithol. Mitt.* 25(10): 223. Oct. 1973. In German. *WR 155: 40*
[Medebekskamp 27, D 314 Lüneburg, West Germany] "Whistling swan, water rails, and herring gulls."

Kroodsma, Roger L. HYBRIDIZATION IN GROSBEAKS *(PHEUCTICUS)* IN NORTH DAKOTA. *Wilson Bull.* 86(3): 230-236, 1 fig. Sept. 1974. *WR 155: 41*
[Univ. Ga., Athens 30601] *"Pheucticus ludovicianus* and *P. melanocephalus."*--Courtesy/ Paul A. Stewart.

Lavers, Norman. THREE MORE CASES OF WHITE-CROWNED SPARROWS PARASITIZED BY BROWN-HEADED COWBIRDS. *Auk* 91(4): 829-830. Oct. 1974. *WR 155: 41*
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[Princeton Univ., Princeton, N.J. 08540] Forty-five species of breeding birds disappeared from Barro Colorado Island during the period 1960 to 1971. No new species replaced those lost. Of the lost species, 13 were forest birds. The other species, second-growth and forest-edge birds, were crowded out by growth of the forest.--Courtesy/ Paul A. Stewart.

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BIRDS--POPULATIONS & FLUCTUATIONS

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method for decoying starlings to bait stations, Robert E. Williams and Robert G. Schwab; *Investigation of bird migration and mortality at the Omega Navigation Station, La Moure, North Dakota*, Michael L. Avery and Paul F. Springer; *The effect of intense light on bird behavior and physiology*, Sheldon I. Lustick; *Impact of cooling towers on bird migration*, Edward J. Ryback, William B. Jackson, and Steven H. Vessey; *Use of plastic netting*, John T. Stucky; *Radiotelemetry for studying problem birds*, Olin E. Bray; *A program for developing male chemosterilants for red-winged blackbirds*, Joseph L. Guarino and Edward W. Schafer, Jr.; *Hopper box treatment of corn seed with methiocarb for protecting sprouts from birds*, Charles R. Ingram, Robert T. Mitchell, and Allen R. Stickley, Jr.; *Aerially applied methiocarb spray for protecting wild lowbush blueberries from birds*, Rene M. Bollengier, Joseph L. Guarino, and Charles P. Stone; *F.A.O. quelea research in Africa*, Jeffrey J. Jackson; *Night flight across a blue sky: Prognostics*, Robert H. Giles, Jr.; *Plant-animal interactions: The effects of red-winged blackbirds on corn growth*, Melvin I. Dyer; *Local fall movements of the red-winged blackbird in central New York*, Noel J. Cutright; *Blackbird damage surveys*, Richard O. Winters and Charles P. Stone; *Population estimates*, Thomas Stockdale; *Auditory repellents*, Thomas Stockdale; *Avitrol*, Allen Stickley and Richard O. Winters; *Winter populations*, Robert A. Pierce; and *A bibliography on the red-winged blackbird*, Noel J. Cutright.

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Lamm, Donald W. WHITE HAWK PREYING ON THE GREAT TINAMOU. *Auk* 91(4): 845-846. Oct. 1974. *WR 155: 49*
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WATERFOWL

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[U.S. Fish & Wildl. Serv., 1412 Airport Way, Fairbanks, Alaska] For the black guillemot *(Cepphus grylle mandtii)*, the following are discussed: nesting localities, nest sites, nesting chronology, and production of young.--Courtesy/ Paul A. Stewart.

Donahue, Paul K. GULL-BILLED TERN IN CARIBBEAN SOUTH AMERICA. *Auk* 91(4): 845. Oct. 1974. *WR 155: 60*
[261 Washington St., Winchester, Mass. 01890] *"Gelochelidon nilotica."*--Courtesy/ Paul A. Stewart.

Gloe, Peter. ZUM VORKOMMEN DER ZWERGMÖWE *(LARUS MINUTUS)* IM BEREICH DER MELDORFER BUCHT. [ON THE OCCURRENCE OF LITTLE GULLS *LARUS MINUTUS* IN THE MELDORF BAY AREA.] *Ornithol. Mitt.* 25(10): 221-222. Oct. 1973. In German. *WR 155: 61*
[Mühlenstrasse 10, D 2223 Meldorf, West Germany]

Green, Janet C. ARCTIC TERN AND LITTLE GULL AS MIGRANTS IN DULUTH. *Loon* 46 (2): 52-57, 2 figs. Summer 1974. *WR 155: 61*
[9773 Northshore Drive, Duluth, Minn. 55804]

Grubb, Thomas C., Jr. INDIVIDUAL DISTANCE IN THE HERRING GULL. *Auk* 91(3): 637-639, 1 fig. July 1974. *WR 155: 61*
[Ohio State Univ., Columbus 43210] Herring gulls *(Larus argentatus)* were attacked by others already there when they alighted closer to the other birds than 30 cm. None alighted farther than 40 cm from other birds.--Courtesy/ Paul A. Stewart.

Harris, Stanley W. STATUS, CHRONOLOGY, AND ECOLOGY OF NESTING STORM PETRELS IN NORTHWESTERN CALIFORNIA. *Condor* 76(3): 249-261. Autumn 1974. *WR 155: 61*
[Humboldt State Univ., Arcata, Calif.] *"Oceanodroma leucorhoa* and *O. furcata."*--Courtesy/ Paul A. Stewart.

Hatch, Jeremy J. HOMING EXPERIMENTS WITH AUDUBON'S SHEARWATERS. *Auk* 91(4): 830-832. Oct. 1974. *WR 155: 61*
[Univ. Mass., Boston 02125] *"Puffinus lherminieri."*--Courtesy/ Paul A. Stewart.

Jarvinen, Olli, and Kari Vepsalainen. INTENSITY OF SELECTION IN BRIDLED GUILLEMOTS *(URIA AALGE)* ON BEAR ISLAND. *Astarte* 6(1): 35-41, illus. 1973. [From Biol. Abstr. 58(7), 1974.] *WR 155: 61*
[Univ. Helsinki, SF-00100 Helsinki 10, Finland]

McCaskie, Guy, Steven Liston, and William A. Rapley. FIRST NESTING OF BLACK SKIMMER IN CALIFORNIA. *Condor* 76(3): 337-338, 3 figs. Autumn 1974. *WR 155: 61*
[San Diego Nat. Hist. Mus., San Diego, Calif.] *"Rynchops niger."*--Courtesy/ Paul A. Stewart.

Nisbet, I. C. T. FURTHER OBSERVATIONS OF TERNS' EGGS ENCLOSED BY HATCHED EGGSHELLS. *Blue Jay* 32(3): 164-165. Sept. 1974. *WR 155: 61*
[Mass. Audubon Soc., Lincoln 01773]

Oades, Robert D. PREDATION OF XANTUS' MURRELET BY WESTERN GULL. *Condor* 76 (2): 229. Summer 1974. *WR 155: 61*
[Univ. Sussex, Falmer, Brighton, Sussex, BN1 90G, England] A swimming Xantus' murrelet *(Endomychura hypoleuca)* was captured and almost immediately swallowed whole by the western gull *(Larus occidentalis).*--Courtesy/ Paul A. Stewart.

Olson, Storrs L. A MELANISTIC WHITE-TAILED TROPICBIRD. *Condor* 76(2): 217-218, 2 figs. Summer 1974. *WR 155: 61*
[Natl. Mus. Nat. Hist., Smithsonian Inst., Washington, D.C. 20560] A white-tailed tropicbird *(Phaethon lepturus)* had a black crown and nape, parts usually white.--Courtesy/ Paul A. Stewart.

Patten, Sam, Jr., and A. R. Weisbrod. SYMPATRY AND INTERBREEDING OF HERRING AND GLAUCOUS-WINGED GULLS IN SOUTHEASTERN ALASKA. *Condor* 76(3): 343-344. Autumn 1974. *WR 155: 61*
[Univ. Wash., Seattle 98195] Reports collecting birds intermediate in eye color and primary pigmentation between *Larus argentatus* and *L. glaucescens.*--Courtesy/ Paul A. Stewart.

Robertson, Ian. THE FOOD OF NESTING DOUBLE-CRESTED AND PELAGIC CORMORANTS AT MANDARTE ISLAND, BRITISH COLUMBIA, WITH NOTES ON FEEDING ECOLOGY. *Condor* 76 (3): 346-348. Autumn 1974. *WR 155: 62*
[Environmental Protection Serv., 100 Park Royal Ave., West Vancouver, British Columbia, Canada] Information is given showing that commercially valuable fish comprise a negligible proportion of the diets of double-crested and pelagic cormorants *(Phalacrocorax auritus* and *P. pelagicus).*--Courtesy/ Paul A. Stewart.

Schnell, Gary D. FLIGHT SPEEDS AND WINGBEAT FREQUENCIES OF THE MAGNIFICENT FRIGATEBIRD. *Auk* 91(3): 564-570, 2 figs. July 1974. *WR 155: 62*
[Univ. Okla., Norman 73069] *"Fregata magnificens."*--Courtesy/ Paul A. Stewart.

Simmons, Georganna. BROWN PELICAN ON THE BRINK. *Natl. Parks Conserv. Mag.* 48(12): 21-23, illus. Dec. 1974. *WR 155: 62*
"Pelicanus occidentalis." One of a series on endangered species.

Southern, William E. MAGNETS DISRUPT THE ORIENTATION OF JUVENILE RING-BILLED GULLS. *BioScience* 22(8): 476-479, 2 figs. Aug. 1972. *WR 155: 62*
[Northern Ill. Univ., Dekalb 60115] *"Larus delawarensis."*

Sowl, LeRoy W., and James C. Bartonek. SEABIRDS--ALASKA'S MOST NEGLECTED RESOURCE. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 39: 117-126, 1 fig. 1974. *WR 155: 62*
[U.S. Fish & Wildl. Serv., Anchorage, Alaska 99501]

Spurr, E. B. INDIVIDUAL DIFFERENCES IN AGGRESSIVENESS OF ADELIE PENGUINS. *Anim. Behav.* 22(3): 611-616, 4 figs. Aug. 1974. *WR 155: 62*
[Univ. Canterbury, Christchurch, New Zealand] *"Pygoscelis adeliae."*

Stiles, Edmund W. BLACK-BROWED ALBATROSSES ON FRESH WATER. *Auk* 91(4): 844-845. Oct. 1974. *WR 155: 62*
[Rutgers Univ., New Brunswick, N.J. 08903] *"Diomedea melanophris."*--Courtesy/ Paul A. Stewart.

Temme, Manfred. ZUR HÄUFIGKEIT VON *CHLIDONIAS LEUCOPTERUS* AUF DEN PHILIPPINEN. [THE FREQUENCY OF *CHLIDONIAS LEUCOPTERUS* IN THE PHILIPPINES.] *Ornithol. Mitt.* 25(12): 263-266, illus. Dec. 1973. In German with English summ. *WR 155: 62*
[1465 D. Oliman St., San Miguel Village, Makati/Rizal, Philippines]

Tham, V. L., D. A. Purcell, and D. J. Schultz. FUNGAL NEPHRITIS IN A GREY-HEADED ALBATROSS. *J. Wildl. Dis.* 10(4): 306-309, 2 figs. Oct. 1974. *WR 155: 62*
[Inst. Med. & Veterinary Sci., Box 14, Rundle Street Post Office, Adelaide, South Australia, Australia 5062] *"Diomedea chrysostoma."*

Threlfall, William, Eldon Eveleigh, and John Ernest Maunder. SEABIRD MORTALITY IN A STORM. *Auk* 91(4): 846-849, 1 fig. Oct. 1974. *WR 155: 62*
[Memorial Univ. Newfoundland, St. John's, Newfoundland, Canada] Ocean waves and low temperature destroyed most of the eggs and young of more than twelve thousand pairs of herring gulls *(Larus argentatus)* and black-legged kittiwakes *(Rissa tridactyla)* on an island.--Courtesy/ Paul A. Stewart.

Williams, Lovett E., Jr., and Ted Joanen. AGE AT FIRST NESTING IN THE BROWN PELICAN. *Wilson Bull.* 86(3): 279-280. Sept. 1974. *WR 155: 62*
[Fla. Game & Fresh Water Fish Comm., Gainesville 32601] *"Pelecanus occidentalis."*--Courtesy/ Paul A. Stewart.

Wingate, David B., and George E. Watson. FIRST NORTH ATLANTIC RECORD OF THE WHITE TERN. *Auk* 91(3): 614-617, 2 figs. July 1974. *WR 155: 62*
[P.O. Box 834, Hamilton, Bermuda] *"Gygis alba."*--Courtesy/ Paul A. Stewart.

HAWKS & OWLS

Adam, Gerhard. STEINKAUZ *(ATHENE NOCTUA)* JAGT ZU FUSS NACH HEUSCHRECKEN. [LITTLE OWL *ATHENE NOCTUA* HUNTS GRASSHOPPERS ON FOOT.] *Ornithol. Mitt.* 25(11): 249. Nov. 1973. In German. *WR 155: 63*
[Pelikanstrasse 17, D 7 Stuttgart 50, West Germany]

Bierregaard, Richard O., Jr. INCOMPLETE WING MOLT AND ERYTHRISM IN RED-TAILED HAWKS. *Auk* 91(3): 618-619. July 1974. *WR 155: 63*
[Felix Neck Wildl. Sanctuary, Box 1055, Oak Bluff, Mass. 02577] *"Buteo jamaicensis."*--Courtesy/ Paul A. Stewart.

Brooke, R. K., J. H. Grobler, M. P. Stuart Irwin, and Peter Steyn. A STUDY OF THE MIGRATORY EAGLES *AQUILA NIPALENSIS* AND *A. POMARINA* (AVES: ACCIPITRIDAE) IN SOUTHERN AFRICA, WITH COMPARATIVE NOTES ON OTHER LARGE RAPTORS. *Occas. Pap. Natl. Mus. Rhod. Ser. B Nat. Sci.* 5(2): 61-114, 1 fig., 8 pls. Dec. 1972. *WR 155: 63*
[Univ. Rhodesia, Salisbury, Rhodesia]

Browning, M. Ralph. COMMENTS ON THE WINTER DISTRIBUTION OF THE SWAINSON'S HAWK *(BUTEO SWAINSONI)* IN NORTH AMERICA. *Am. Birds* 28(5): 865-867. Oct. 1974. *WR 155: 63*
[Natl. Mus. Nat. Hist., Washington, D.C. 20560]

Clark, William S. OCCURRENCE OF SWAINSON'S HAWK SUBSTANTIATED IN NEW JERSEY. *Wilson Bull.* 86(3): 284-285. Sept. 1974. *WR 155: 63*
[7800 Dassett Ct., No. 101, Annandale, Va.] *"Buteo swainsonii."*--Courtesy/ Paul A. Stewart.

Clevenger, G. A., and Aryan I. Roest. CANNIBALISM IN RED-TAILED HAWK. *Auk* 91(3): 639. July 1974. *WR 155: 63*
[Calif. Polytech. State Univ., San Luis Obispo 93401] A red-tailed hawk *(Buteo jamaicensis)* was seen carrying a freshly killed and partly eaten bird of its own species.--Courtesy/ Paul A. Stewart.

Ellis, David H., and Joel R. Varney. A FULLY AUTOMATED EGG FOR TELEMETERING ADULT ATTENTIVENESS AND INCUBATION TEMPERATURES. *Raptor Res.* 7(3/4): 73-77, 1 fig. Fall-Winter 1973. *WR 155: 63*
[Mont. Dep. Fish & Game, Helena 59601] *"Aquila chrysaetos."*

Enderson, James H., and Jerry Craig. STATUS OF THE PEREGRINE FALCON IN THE ROCKY MOUNTAINS IN 1973. *Auk* 91(4): 727-736. Oct. 1974. *WR 155: 63*
[Colo. Coll., Colorado Springs 80903] *"Falco peregrinus."*--Courtesy/ Paul A. Stewart.

Feduccia, Alan. ANOTHER OLD WORLD VULTURE FROM THE NEW WORLD. *Wilson Bull.* 86(3): 251-255, 1 fig. Sept. 1974. *WR 155: 63*
[Univ. N.C., Chapel Hill 27514] *"Neophrontops slaughteri."*--Courtesy/ Paul A. Stewart.

Fisher, B. M. RESPONSE OF A HAWK OWL TO A LURE. *Blue Jay* 32(3): 154-155, illus. Sept. 1974. *WR 155: 63*
[8030 132nd Ave., Edmonton, Alberta, Canada T5C 2B4] *"Surnia ulula."*

Fitch, Henry S. OBSERVATIONS ON THE FOOD AND NESTING OF THE BROAD-WINGED HAWK *(BUTEO PLATYPTERUS)* IN NORTHEASTERN KANSAS. *Condor* 76(3): 331-333, 2 figs. Autumn 1974. *WR 155: 63*
[Univ. Kans., Lawrence 66044] Courtesy/ Paul A. Stewart.

Forbes, James E., and Dwain W. Warner. BEHAVIOR OF A RADIO-TAGGED SAW-WHET OWL. *Auk* 91(4): 783-795, 5 figs. Oct. 1974. *WR 155: 63*
[U.S. Fish & Wildl. Serv., P.O. Box 150, Albany, N.Y. 12201] The 20-day autumn home range of a saw-whet owl *(Aegolius acadicus)* was 280.8 acres. The total distances traveled on two nights were 2.4 and 0.9 miles. The bird was inactive all night during precipitation.--Courtesy/ Paul A. Stewart.

Freitag, Fritz. ÜBERWINTERUNG DER WALDOHREULE *(ASIO OTUS)* IN EINEM STÄDTISCHEN GEBIET. [OVERWINTERING OF THE LONG-EARED OWL *ASIO OTUS* IN AN URBAN AREA.] *Ornithol. Mitt.* 25(8): 170-171, [2 figs.]. Aug. 1973. In German. *WR 155: 64*
[Siechhofstrasse 4, D 633 Wetzlar, West Germany]

Hafner, John C. SEASONAL PREDATION ON MOLES BY THE RED-TAILED HAWK. *Condor* 76(2): 225. Summer 1974. *WR 155: 64*
[Univ. Calif., Berkeley 94720] Red-tailed hawks *(Buteo jamaicensis)* use moles for food only during the winter and spring when the moles temporarily leave their burrows in connection with breeding and dispersal.--Courtesy/ Paul A. Stewart.

Hasenclever, Hilmar. EXTREM HOHER NESTSTAND DES TURMFALKEN *(FALCO TINNUNCULUS)*. [EXTREMELY HIGH NEST LOCATION OF THE KESTREL *FALCO TINNUNCULUS.*] *Ornithol. Mitt.* 25(11): 250. Nov. 1973. In German. *WR 155: 64*
[Zimmerstrasse 20, D 48 Bielefeld, West Germany] "89 meters."

Hatler, David F. FOODS AT A GOLDEN EAGLE NEST IN CENTRAL ALASKA. *Condor* 76 (3): 356-357. Autumn 1974. *WR 155: 64*
[Univ. British Columbia, Vancouver 8, British Columbia, Canada] Ptarmigan *(Lagopus lagopus* and *L. mutus)* were the most important item of food. Snowshoe hares *(Lepus americanus)* and martens *(Martes americana)* were also important items in the eagle's diet. Snowshoe hares were not common in the area of study, and the author considered that the eagles' hunted hares preferentially.--Courtesy/ Paul A. Stewart.

Heintzelman, Donald S., and Robert MacClay. TURKEY VULTURES THERMAL SOARING INTO OPAQUE CLOUDS. *Auk* 91(4): 849. Oct. 1974. *WR 155: 64*
[629 Green St., Allentown, Pa. 18102] *"Cathartes aura."*--Courtesy/ Paul A. Stewart.

Hofslund, P. B. AN INVASION OF GOSHAWKS. *Raptor Res.* 7(3/4): 107-108. Fall-Winter 1973. *WR 155: 64*
[Univ. Minn., Duluth 55812] *"Accipiter gentilis."*

Hubbard, John P. FLIGHT DISPLAYS IN TWO AMERICAN SPECIES OF *BUTEO*. *Condor* 76(2): 214-215. Summer 1974. *WR 155: 64*
[Del. Mus. Nat. Hist., Greenville 19807] *"Buteo jamaicensis* and *B. albonotatus."*--Courtesy/ Paul A. Stewart.

Koenig, Lilli. FORTSCHRITTE DER VERHALTENSFORSCHUNG, HEFT 13. DAS AKTIONSSYSTEM DER ZWERGOHREULE *OTUS SCOPS SCOPS* (LINNE 1758). [ADVANCES IN ETHOLOGY, NO. 13. ACTION SYSTEM OF THE SCOPS OWL *OTUS SCOPS SCOPS* (LINNE 1758).] *Verlag Paul Parey* (Berlin, West Germany). 124 p., illus. 1973. [From Biol. Abstr. 58 (6), 1974.] *WR 155: 64*

König, Claus. ZUM SOZIALVERHALTEN VON GEIERN AM FUTTERPLATZ IN SPANIEN. (Vorläufige Mitteilung). [ON THE SOCIAL BEHAVIOR OF VULTURES AT FORAGING SITES IN SPAIN. (Preliminary Report).] *Ornithol. Mitt.* 25(6): 118-120, illus. June 1973. In German. *WR 155: 64*
[Staatl. Mus. Naturkunde, D 7000 Stuttgart, West Germany]

Ludwig, James P. RECENT CHANGES IN THE RING-BILLED GULL POPULATION AND BIOLOGY IN THE LAURENTIAN GREAT LAKES. *Auk* 91(3): 575-594, 4 figs. July 1974. *WR 155: 64*
[8880 Babcock Rd., Jeddo, Mich. 48032] During the period from 1960 to 1967 the ring-billed gull *(Larus delawarensis)* population breeding in the Great Lakes region increased from approximately 27,000 to 141,000 pairs. This increase was encouraged by lowering water levels and the invasion of the lakes by alewives.--Courtesy/ Paul A. Stewart.

Mader, William J. NOTES ON NESTING GREAT HORNED OWLS IN SOUTHERN ARIZONA. *Raptor Res.* 7(3/4): 109-111. Fall-Winter 1973. *WR 155: 65*
[41 W. Alpia Way, Tucson, Ariz. 85704] *"Bubo virginianus."*

Martin, Dennis J. COPULATORY AND VOCAL BEHAVIOR OF A PAIR OF WHISKERED OWLS. *Auk* 91(3): 619-624, 3 figs. July 1974. *WR 155: 65*
[Utah State Univ., Logan 84322] *"Otus trichopsis."*--Courtesy/ Paul A. Stewart.

McLeran, Vic. Rx FOR RAPTORS. *Kans. Fish Game* 31(6): 1-4, illus. Nov.-Dec. 1974. *WR 155: 65*
[Box 1028, Pratt, Kans. 67124] In Kansas, "hawks and owls, wounded by illegal shooting get a second chance at life through rehabilitative efforts of raptor enthusiasts."

Meyburg, B.-U. QUATRE POUSSINS DANS UN NID DE L'AIGLE IMPERIAL D'ESPAGNE: *AQUILA HELIACA ADALBERTI.* [FOUR CHICKS IN A SPANISH IMPERIAL EAGLE'S NEST: *AQUILA HELIACA ADALBERTI.*] *Alauda* 42(1): 1-6, illus. 1974. [From Biol. Abstr. 58(7), 1974. In French with German and English summ.] *WR 155: 65*
[Herbertstr. 14, D-1 Berlin 33, West Germany]

Mueller, Helmut C. FACTORS INFLUENCING PREY SELECTION IN THE AMERICAN KESTREL. *Auk* 91(4): 705-721. Oct. 1974. *WR 155: 65*
[Univ. N.C., Chapel Hill 27514] *"Falco sparverius."*--Courtesy/ Paul A. Stewart.

Nelson, R. Wayne. FIELD TECHNIQUES IN A STUDY OF THE BEHAVIOR OF PEREGRINE FALCONS. *Raptor Res.* 7(3/4): 78-96, 6 figs. Fall-Winter 1973. *WR 155: 65*
[Univ. Calgary, Calgary, Alberta, Canada T2N 1N4] *"Falco peregrinus pealei."*

Olendorff, Richard R. A COURTSHIP FLIGHT OF THE SWAINSON'S HAWK. *Condor* 76 (2): 215. Summer 1974. *WR 155: 65*
[Am. Mus. Nat. Hist., New York, N.Y. 10024] *"Buteo swainsoni."*--Courtesy/ Paul A. Stewart.

Palášthy, Jozef, and Bernd-Ulrich Meyburg. ZUR ERNÄHRUNG DES SCHREIADLERS *(AQUILA POMARINA)* IN DER OSTSLOWAKEI UNTER ATYPISCHEN KLIMATISCHEN BEDINGUNGEN. [ON THE FOOD OF THE LESSER SPOTTED EAGLE *(AQUILA POMARINA)* IN EASTERN SLOVAKIA UNDER ATYPICAL CLIMATIC CONDITIONS.] *Ornithol. Mitt.* 25(4): 63-72, illus. Apr. 1973. In German with English summ. *WR 155: 65*
[Prešov Mus., Prešov, Czechoslovakia]

Shea, David S. BARRED OWL RECORDS IN WESTERN MONTANA. *Condor* 76(2): 222. Summer 1974. *WR 155: 65*
[Box 374, West Glacier, Mont. 59936] *"Strix varia."*--Courtesy/ Paul A. Stewart.

Skaggs, Merit B. TWO KESTREL NESTINGS. *Inland Bird Banding News* 46(5): 171-176, illus. Sept.-Oct. 1974. *WR 155: 65*
[Route 1, Hammersville, Ohio 45130] Courtesy/ Paul A. Stewart.

Smith, Dwight G., and Joseph R. Murphy. LATE SUMMER FOOD HABITS OF ADULT BURROWING OWLS IN CENTRAL UTAH. *Raptor Res.* 7(3/4): 112-115. Fall-Winter 1973. *WR 155: 65*
[Southern Conn. State Coll., New Haven 06515] *"Speotyto cunicularia."*

Smith, Dwight G., Charles R. Wilson, and Herbert H. Frost. HISTORY AND ECOLOGY OF A COLONY OF BARN OWLS IN UTAH. *Condor* 76(2): 131-136. Summer 1974. *WR 155: 65*
[Southern Conn. State Coll., New Haven 06515] *"Tyto alba."*--Courtesy/ Paul A. Stewart.

Snyder, Helen A., and Noel F. R. Snyder. INCREASED MORTALITY OF COOPER'S HAWKS ACCUSTOMED TO MAN. *Condor* 76(2): 215-216. Summer 1974. *WR 155: 66*
[Box 21, Palmer, Puerto Rico 00721] Of 235 banded Cooper's hawks *(Accipiter cooperii)*, 33 which were subjected to handling or intensive study from an observation blind had a higher recovery rate than birds not thus exposed.--Courtesy/ Paul A. Stewart.

Snyder, Noel F. R., and Helen A. Snyder. FUNCTION OF EYE COLORATION IN NORTH AMERICAN ACCIPITERS. *Condor* 76(2): 219-222. Autumn 1974. *WR 155: 66*
[Box 21, Palmer, Puerto Rico 00721] Nestling Cooper's hawks *(Accipiter cooperii)* pecked red objects but not yellow ones. The significance of this response is discussed in relation to developmental changes in iris color in adult hawks.--Courtesy/ Paul A. Stewart.

Southern, William E. AMERICAN KESTREL TRANSPORTS NORWAY RAT. *Wilson Bull.* 86(3): 285. Sept. 1974. *WR 155: 66*
[Northern Ill. Univ., DeKalb 60115] The American kestrel *(Falco sparverius)* is capable of flight when carrying prey approximately twice its own weight.--Courtesy/ Paul A. Stewart.

Stastny, Karel. DROBNI SAVCI VE VYVRZCICH SOVY PALENE *(TYTO ALBA GUTTATA* BREHM*)* NO SUMPERSKU. [SMALL MAMMALS IN THE REGURGITATED PELLETS OF THE BARN OWL *(TYTO ALBA GUTTATA* BREHM*)* OF NORTHERN MORAVIA.] *Lynx* (Prague) 14. p. 54-69, illus. 1973. [From Biol. Abstr. 58(6), 1974. In Czech with French summ.] *WR 155: 66*
[Ustav Krajinne Ekol. Cesk. Akad. Ved., Bezrucova 927, 251 01 Ricany II., Czechoslovakia]

Stewart, Paul A. A NESTING OF BLACK VULTURES. *Auk* 91(3): 595-600. July 1974. *WR 155: 66*
[203 Mooreland Drive, Oxford, N.C. 27567] With observations on the nest, egg laying, incubation, brooding, feeding and behavior of young, nest defense, and wariness of *Coragyps atratus.*

Sykes, Paul W., Jr. FLORIDA BURROWING OWL COLLECTED IN NORTH CAROLINA. *Auk* 91(3): 636-637. July 1974. *WR 155: 66*
[Patuxent Wildl. Res. Cent., P.O. Box 2077, Delray Beach, Fla. 33444] *"Speotyto cunicularia."*--Courtesy/ Paul A. Stewart.

Sykes, Paul W., Jr., and Roderick Chandler. USE OF ARTIFICIAL NEST STRUCTURES BY EVERGLADE KITES. *Wilson Bull.* 86(3): 282-284, 1 fig. Sept. 1974. *WR 155: 66*
[Patuxent Wildl. Res. Cent., P.O. Box 2077, Delray Beach, Fla. 33444] Everglade kites *(Rostrhamus sociabilis plumbeus)* continued to use their nests after the nests had been placed on safer artificial structures.--Courtesy/ Paul A. Stewart.

Sykes, Paul W., Jr., and Herbert W. Kale II. EVERGLADE KITES FEED ON NONSNAIL PREY. *Auk* 91(4): 818-820, 1 fig. Oct. 1974. *WR 155: 66*
[Patuxent Wildl. Res. Cent., P.O. Box 2077, Delray Beach, Fla. 33444] Reports a case each of an Everglade kite *(Rostrhamus sociabilis plumbeus)* eating a turtle and a small mammal.--Courtesy/ Paul A. Stewart.

Temme, Manfred. NOTIZEN ÜBER DIE GRASEULE *(TYTO CAPENSIS) (=TYTO LONGIMEMBRIS)* AUF DER PHILIPPINISCHEN INSEL MINDORO. [SOME REMARKS ON THE GRASS OWL *(TYTO CAPENSIS) (=TYTO LONGIMEMBRIS)* FROM MINDORO ISLAND, PHILIPPINES.] *Ornithol. Mitt.* 25(4): 80-82, illus. Apr. 1973. In German with English summ. *WR 155: 66*
[Embassy of the Federal Republic of Germany, Manila, P.O.B. 24, Philippines]

Trann, Ken. SHORT-EARED OWLS NEAR EDMONTON, 1970-1973. *Blue Jay* 32(3): 148-153, illus. Sept. 1974. *WR 155: 66*
[5823 121 Ave., Edmonton, Alberta, Canada] *"Asio flammeus."*

Vielliard, J. DONNEES INEDITES SUR LA REPRODUCTION DE L'AIGLE IMPERIAL DANS LES MARISMAS DU GUADALQUIVIR. [UNPUBLISHED DATA ON REPRODUCTION OF THE IMPERIAL EAGLE IN THE SWAMPS OF THE GUADALQUIVIR RIVER.] *Alauda* 42(1): 7-9. 1974. [From Biol. Abstr. 58(7), 1974. In French.] *WR 155: 67*
"Aquila heliaca."

Von Dnorre, Dietrich. JAGDGEBIET UND TAEGLICHER NAHRUNGSBEDARF DER SCHLEIER-EULE *(TYTO ALBA* SCOPOLI*)*. [HUNTING GROUND AND DAILY NEED OF FOOD IN BARN OWLS *(TYTO ALBA* SCOPOLI*)*.] *Zool. Jahrb. Abt. Syst. Oekol. Geogr. Tiere* 100(3): 301-320, illus. 1973. [From Biol. Abstr. 58(6), 1974. In German with English summ.] *WR 155: 67*
[Friedrich-Schiller Univ., 69 Jena, East Germany]

Walker, Danny. A PLEISTOCENE GYRFALCON. *Auk* 91(4): 820-821. Oct. 1974. *WR 155: 67*
[Univ. Wyo., Laramie 82070] *"Falco rusticolus."*--Courtesy/ Paul A. Stewart.

White, Clayton M., and Steve K. Sherrod. ADVANTAGES AND DISADVANTAGES OF THE USE OF ROTOR-WINGED AIRCRAFT IN RAPTOR SURVEYS. *Raptor Res.* 7(3/4): 97-104, 4 figs. Fall-Winter 1973. *WR 155: 67*
[Brigham Young Univ., Provo, Utah 84601] *"Haliaeetus leucocephalus, Aquila chrysaetos, Falco peregrinus, F. rusticolus,* and *Buteo lagopus."*

BLACKBIRDS, STARLINGS, CROWS

Brückner, Gustav Heinrich. AUFFÄLLIGES BALZVERHALTEN BEI CORVIDEN. [CONSPICUOUS BREEDING BEHAVIOR BY CORVIDAE.] *Ornithol. Mitt.* 25(7): 146-147. July 1973. In German. *WR 155: 67*
[Bergstrasse 6, D 2055 Aumühle, West Germany] *"Corvus corone corone* and *C. corone cornix."*

Campbell, R. Wayne. RUSTY BLACKBIRDS PREY ON SPARROWS. *Wilson Bull.* 86(3): 291-293. Sept. 1974. *WR 155: 67*
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